Course guide
205113 - 205113 - Leading Teams

Unit in charge:	Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit:	732 - OE - Department of Management.

Degree:	MASTER'S DEGREE IN TECHNOLOGY AND ENGINEERING MANAGEMENT (Syllabus 2016). (Optional subject).

Academic year: 2024   **ECTS Credits:** 7.5   **Languages:** English

LECTURER

Coordinating lecturer:	Gallardo Gallardo, Eva
Others:	Fernández Alarcón, Vicenç
	Yin, Jiarui

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
CE01-MEM. The ability to describe the main management theories.
CE07-MEM. The ability to manage processes and projects in technological settings subject to levels of uncertainty.

Transversal:
CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: Being aware of and understanding the complexity of the economic and social phenomena typical of a welfare society, and being able to relate social welfare to globalisation and sustainability and to use technique, technology, economics and sustainability in a balanced and compatible manner.

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

CT4. EFFECTIVE USE OF INFORMATION RESOURCES: Managing the acquisition, structuring, analysis and display of data and information in the chosen area of specialisation and critically assessing the results obtained.

Basic:
CB8. METMF_The ability to integrate knowledge and deal with the complexity of making judgements on the basis of information that, albeit incomplete or limited, includes thoughts on the role played by social and ethical responsibility in the application of knowledge and judgement.
CB9. METMF_The ability to communicate conclusions, and the knowledge and reasons that ultimately sustain these conclusions, to specialised and lay audiences in a clear and unambiguous way.
CB10-METP. Learning abilities that will enable students to keep studying in a largely self-directed or independent manner.

TEACHING METHODOLOGY

The course follows a continuous learning process in which students will play an active role in achieving the course's objectives. The sessions combine different teaching methodologies, such as magisterial lectures, problem-based activities, case studies, guided debates, and oral presentations. Students will need to complete a set of pre-assigned readings or clip visualizations before some sessions. Besides, self-study and out-of-class guided activities will also be required.

ATENA is going to be the main communication channel. Likewise, instructions for the sessions, lecture notes, bibliography, etc. will be posted. Students should look at it on a regular basis during the course.

LEARNING OBJECTIVES OF THE SUBJECT

This course offers the fundamentals of team management. It will focus on developing teams, improving and sustaining team performance, and understanding the skills needed at the individual level and the dynamics among the members. Specifically, it will deepen basic managerial skills (time management, communication, leadership, and motivation).

STUDY LOAD

Type	Hours	Percentage
Self study	127,5	68.00
Hours medium group	30,0	16.00
Hours large group	30,0	16.00

Total learning time: 187.5 h

CONTENTS

Module 1. Managerial Skills

Description:
This module aims to help students develop their managerial skills such as leadership, motivation, and communication.

Related activities:
Out- and in-class activities
Group project
Final exam

Full-or-part-time: 53h 30m
Theory classes: 8h
Practical classes: 8h
Self study : 37h 30m

Module 2. Buidling Teams

Description:
This module aims to help students build a team from two perspectives: the operational aspects of the recruitment process and strategies for assessing applicants' suitability.

Related activities:
Out- and in-class activities
Group project
Final exam

Full-or-part-time: 50h
Theory classes: 10h
Practical classes: 10h
Self study : 30h

Module 3. Complex Problem Solving

Description:
This module aims to help students learn how to design a process for solving complex problems. The main focus is on critical and lateral thinking.

Related activities:
Out- and in-class activities
Group project
Final exam

Full-or-part-time: 42h
Theory classes: 6h
Practical classes: 6h
Self study : 30h

Module 4. Ethics and Technology

Description:
This module has two objectives: to understand how technology affects team dynamics and the role of ethics in teams.

Related activities:
Out- and in-class activities
Group project
Final exam

Full-or-part-time: 42h
Theory classes: 6h
Practical classes: 6h
Self study : 30h

GRADING SYSTEM

The final grade depends on the following three elements:

* 30%, out- and in-class activities
* 40%, group project
* 30%, final exam

BIBLIOGRAPHY

Basic:
- Colquitt, Jason A., Lepine, Jeffery, Wesson, Michael J. Organizational behavior: improving performance and commitment in the workplace. 6th. New York: McGraw-Hill Education, 2019. ISBN 1259927660.
- Scandura, Terri A. Essentials of organizational behavior: an evidence-based approach. 2nd. Thousand Oaks, California: SAGE Publications, 2019. ISBN 9781544331294.

Complementary:
- Fernández, Vicenç. Fundamentals of research methodology. Terrassa: OmniaScience, 2020. ISBN 9788412064391.

RESOURCES

Other resources:

Slides, exercises, websites and online activities